

# ZERO BEAT

Published in the interest of the members of the Pikes Peak Radio Amateur Association, Inc. Colorado Springs, Colorado

R. Charles Smith, WAØZZS.  
Editor, Phone 635-7353



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The PPRAA meets at 7:30 P.M. on the second Wednesday of each month in the Security Savings & Loan Building, East Platte at Union Boulevard.

## MAY MEETING

Due to a special election and discussion for the final planning of Field Day in June, there will be no program given during the May meeting. A special election is needed this month to elect two new board members and a vice president. At press time it was still unknown if our vice-president would be transferred on his job to the east coast. If he is, there will have to be three board members elected as well as choosing both a new president and vice-president. Plan to attend to help pick the persons you want to govern PPRAA and give your ideas on Field Day.

## PPRAA DIRECTORS

PRESIDENT	
WAYNE BROWN	W2TPV/0
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VICE PRESIDENT	
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CHARLES SMITH	WAØZZS
2611 N. Farragut 80907	635-7353
JULIAN D. CORNELL	WØMCT
721 Lansing Dr 80909	596-4210

## PRESIDENT'S NEWS

Wayne Brown, W2TPV/0

This is the last President's Column I will be writing for ZERO BEAT since I have resigned as President effective with the May meeting. Marty and I will be leaving Colorado Springs in June. In July I report to Tyndall Air Force Base, Panama City, Florida for four months training in the F-106 aircraft, then in November we'll move to my new assignment at Langley Air Force Base in Hampton, Virginia. Our ham radio activity from June to November will be limited to operating our Heathkit SB-101 mobile on 80 - 10 meters CW and SSB.

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APRIL MINUTES Irv Ebel, WØKVV

PPRAA meeting held at Security Savings and Loan Building, Platte Ave. and Union Blvd on April 11, 1973  
 ....Called to order at 7:45 P.M. by President Wayne Brown, W2TPV/Ø  
 ....There was a call for newcomers to the meeting - four were present and introduced themselves. One of the newcomers turned out to be an "Old Timer" and he in turn asked for a "Go-around of introductions" from all present....The March minutes were approved as printed in ZERO BEAT....A question was brought up if any changes should be made in the door prizes - none were made....Treasurers report by Chuck Myers, WAØZCS approved as read....There was no old business this meeting....New business - report by President Wayne Brown that the pot-luck dinner for the May meeting had to be cancelled, due to lack of facilities. Possible speaker for the May meeting, Clyde Penny, WAØHLQ....No progress report on Field Day, due to a letter of resignation from Julian "Doc" Cornell, WØMCT, field day chairman. New committee appointed for Field Day were co-chairmen George Kowalski, WØGCH and Mike Stansberry, WBØHCK. Further comments on Field Day were made by George Kowalski.... Correspondence was read by Secretary Irvin Ebel. Letter read from ARRL. Also letter of resignation from Board of Directors from "Doc" Cornell was read. resignation was accepted....Report on Naval Reserve Center repeater and progress was given....Comments on possible election in May for new president and board member ....ZERO BEAT comments were made by Chuck Myers that unless club dues were paid, there would be no ZERO BEAT sent to those who had not paid....Coffee break and drawings for door prizes....Program for the evening was "Old Timers Night". Gene Bacon, WØCNY was the host. Very interesting talks and displays as well as slides shown

by "Jiggs" Ozburn, WØARW. A suggestion was made to have another "Old Timers Night" at a later date....Final prize drawing was made and meeting adjourned at 9:50 P.M.

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**WANT ADS**

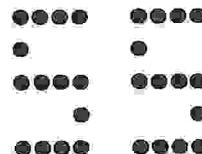
For sale or trade: Hustler mobile fold-over mast and RM-20 resonator. Dick Thompson, WBØDUL. Phone 576-8008 or 392-4249.

Wanted: A Good heavy duty typewriter table, preferably with folding side extension. Phone Don, WØITU at 598-8930.

Wanted: Heathkit HP-13 DC power supply. Wayne, W2TPV/Ø. Phone 598-7096

For Sale: Miscellaneous Model 28 Teleprinter pieces and parts. Tell me what you need. I also have teletype manuals coming. Don, WØITU. Phone 598-8930.

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GEORGE WØGCH

NORTH/SOUTH REPEATER NEARS COMPLETION

Bob Shriner, WAØUZO

The repeater to link northern and southern Colorado is nearing completion. The application for license is in the trusting hands of the U.S. Postal Service, and upon receiving the license the equipment will be placed in operation.

For those that don't know the planned operation of this repeater, here's how she'll work. Input will be on 146.19 and output on 146.79. All modes of legal amateur communications will be accepted such as voice, code, RTTY, etc. There will be no dues or assessments for using the repeater.

It is hoped that after we get the repeater operating satisfactorily a group can take over it's operation and maintenance. The equipment will be donated to a group of this kind with the understanding that the equipment will be returned in the event that the group dissolves. In the meantime I will keep it on the air and maintain it, utilizing slave labor for as long as possible.

I foresee no problems in maintenance as the equipment has 100% backup and will be controlled by direct wire line. A duplexer will be used and north/south oriented gain type antennae employed. Auto-patch capabilities will be installed at the repeater site and a auto-patch

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PRESIDENT'S NEWS - Continued

I have enjoyed my stay in Colorado Springs and I especially appreciate having had the opportunity to serve as your President for a few months. PPRAA has a fine membership with a lot of potential, and I wish you success in the future. I must say, however, there were times when I felt it was quite difficult to conduct a meeting that was interesting to all the members. Our radio clubs have changed from what I knew when I was first licensed in 1957. The problem centers, I feel, around the wide diversification of activities now available within amateur radio itself, as well as the ever-increasing number of other non-radio activities our members are involved in. This is good, but it does make it more and more difficult to get together a group of hams who are really interested in the same things. At times I even question how long radio clubs like PPRAA will survive, unless each and every member does his part to help the club satisfy the members' wishes.

The key to the future success of PPRAA lies in the participation of all members in the activities of the club. You must make your desires known to the Board of Directors so they can guide the club in a direction the majority of members will enjoy.

ZERO BEAT also offers an excellent forum where members can voice their opinions on any subject relating to amateur radio. PPRAA members have continually voiced their support for ZERO BEAT and indicated they want us to continue publishing it, but month after month the same few people are required to write the articles needed to fill the pages. If each of you would write one article a year for ZERO BEAT, the editor's job would be much simpler. Think about it.

Marty and I extend our best wishes to all the members of PPRAA. We will be looking for you on the bands.



K5RDY/Ø, Rhea Allison Walton, was featured recently in a local paper. The article was about hats and showed Rhea displaying her collection. Hats have been Rhea's trademark since her first bonnet - the only disadvantage of a hat, Rhea stated is sometimes they interfere when you kiss your husband. (How about when you put up antennas?)

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New manager of CCN (Colorado Code Net) is WØNGA Bob Erdman Jr., of Colorado Springs. He replaced Wayne Brown, W2PTV/Ø - for a FB net you'll find the net on 3650 each evening at 6:30 P.M.

\*\*\*\*\*

John Summers, Sr., WAØHHN handles the CW part of instructions for amateur radio licenses. Smitty, of Black Forest teaches theory. That's Tuesday evenings at 7:00 P.M. in the communications room of Civil Defense, and that is located in the basement of the Police Building.

\*\*\*\*\*

I tested a young man for Novice the other day - when he passed the code he mentioned that was pretty good for a four year old. (His birthday is leap year - but look out! - he'll be pulling it on the air.)

\*\*\*\*\*

A very happy John Summers, Jr., WAØHHO, XYL and young harmonic returned to the Springs area. John and family have been in New Zealand these last years of John's Navy tour.

\*\*\*\*\*

LCPL Larry Lewis, WAØDGL and Bonnie, WBØCZL and their young harmonic are stationed near Miami, Florida while Larry does his thing in the Marine Corp - he's in the field of communications.

\*\*\*\*\*

Bill Lloyd, WØRGA reports his son has received his novice ticket and is all set for contacts.

\*\*\*\*\*

Thanks to all who remembered me during my recent surgery. The modern electronic devices used in the hospital never fails to amaze me. When in the process of being 'plugged' in I was told I had a lot of electricity in my system - I had to agree - everything I have is charged!

\*\*\*\*\*

#### A NOTE OF THANKS

Another job that is so important but is usually taken for granted is that of the refreshments served at the club meetings. It takes quite a bit of time for the purchasing, preparation, serving and clean up of the good coffee, soft drinks and rolls that are so enjoyed by the club members at each monthly meeting. Everyone appreciates the refreshments but usually forget to let the person in charge know their feelings. Therefore, we are giving a note of appreciation and a sincere thank you from the members to Mike Stansberry, WBØHCK and his charming daughter who have been in charge of the refreshments for the past several months.

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Display your membership in PPRAA. Our special decals now available at the special price of only 75¢ per sheet. See Irv Ebel, WØKVV at the meeting.

# ROUTE MANAGER'S CORNER

by Jim Clagett, KØOTH

Greetings to traffic-handlers and non-traffic-handlers alike from your new Colorado Route Manager. Before I embark on any dissertation about nets or traffic, congratulations are in order for WØLRN, who has done more than perhaps anyone else in the state to generate interest in traffic handling and who brought participation up to its present high level. As most of you know, Bud vacated the Colorado Route Manager's position in order to become Manager of the Twelfth Region Net. On behalf of all CCN and SSN members, I say "well done!", Bud.

Most of the CCN members know me, but I am a stranger to many SSN members, since I have no 160 Meter equipment (yet). My Drake 2B receiver will soon cover 160, thanks to a simple modification that WØNGA and W2TPV/Ø dreamed up. Transmitting equipment for 160 is a little further off. I have been licensed since 1958, QNI'd my first net on January 4, 1960, and have been handling traffic of one sort or another ever since. By "one sort or another" I am referring to my 42 month hitch as a Communications Officer in the Navy, when I handled only military traffic. At that time my NTS activity was curtailed and replaced by DX activity as KZ5TO and HL9UD. Now I'm an ORS with various liaison jobs on CCN, TWN, PAN, and TCC Pacific.

There are a great many traffic subjects deserving attention in a bulletin such as this, but the one that seems most urgent to me is the volume of traffic we are currently handling. It seems a shame to have a closely-knit, carefully organized National Traffic System that is capable of so much yet

really does so relatively little actual traffic handling. All too often we participants think of ourselves merely as relay stations letting "the other guys" do all the originating of traffic. This is wrong! Every one of us should originate traffic - at least three messages per week. Why? Not just for the sake of some statistical tabulation. No, we must continually originate traffic so that NTS operators will keep in practice and retain their interest in traffic handling. With little to do, participation rapidly dwindles. Why are practices and participation important? Because then we are prepared to carry out our public service function of emergency communications in a way that will enhance the public's view of amateur radio, and only by maintaining a respected public image will we retain our allotted sections of the frequency spectrum. Besides, traffic handling is fun, and I'd hate to give it up for lack of interest.

Okay, so how do you dream up this traffic? Take a tip from Jim Dix-

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N/S REPEATER Continued

is being built for Pueblo. I would like for a Colorado Springs amateur to build an auto-patch for the Springs and another to build one for Denver. An amateur desiring to do this please contact me and I'll show you how it can be done.

This repeater should have a definite use in traffic handling and communications between north and south Colorado. Also, phone calls can be placed, such as if a Denver station has traffic for a non-amateur, he can directly dial the party and deliver the traffic in Pueblo or the Springs. It is planned to have teletype equipment on auto-start in Pueblo, Colorado Springs and Denver for playing around and traffic handling.

For futher information, please contact me: Robert Shriner, WAØUZO, P. O. Box 969, Pueblo, Colorado, 81002.

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The basic unit of the Metric System was derived in 1790 from computing one ten-millionth of the distance from the equator to the North Pole.

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AMATEUR RADIO WEEK

This year's Amateur Radio Week will be June 17-23, concluding with Field Day, June 23-24. This is a great opportunity to make some points for the PR Department. Anyone that has the opportunity should plan now for some displays in the Bank lobbies, store windows, libraries and schools, or maybe where they work.

A proclamation in our community or state would definitely be a high point. (If successful, QST would like the information.)

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ARMED FORCES DAY

1973 Armed Forces Day, when Navy Radio NPG will be operating cross-band between MARS and the ham bands, will be on Saturday, May 19th this year. Be sure that your RTTY gear is oiled and adjusted to get that test message you just missed last year.

\*\*\*\*\*

A chance remark is anything a man manages to say when two women are talking.

## GRID LEAK



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ROUTE MANAGER'S CORNER Continued

son, W7EM. We seem to have traffic to or from him almost every night on the nets. How does he do it? Just by renewing friendships with acquaintances whom he has little chance to see. During the course of our lives we've all met people who were really interesting and with whom we'd like to keep in touch - you know, those people you've been meaning to write to for the last year or so. Radio-grams offer the perfect medium for keeping in touch, so don't just relay someone else's traffic. Originate some yourself. Do it regularly, and you'll find yourself receiving interesting replies and renewing many acquaintances.

Three closing administrative comments: (1) WØNGA will replace W2TPV/Ø as CCN Manager in early May. Wayne's Air Force tour of duty in Colorado Springs will soon end, and he's heading back East. More on this in next month's bulletin. (2) Remember that when we change to daylight savings time, our nets will continue to operate at the same local time, although they will be one hour earlier in GMT. Some region and area-level 80 meter nets will switch to 40 meters then, so look for announcements from the various net managers. (3) During all your on-the-air activity, remember to avoid transmitting on the following frequencies that are used by WIAW for bulletins and code practice transmissions, unless you are sure that the frequency is clear: 1.805, 1.820, 3.580, 3.990, 7.080, 7.290, 14.080, 14.290, 21.080, 21.390, 28.080, 28.590, 50.080, 50.190, and 145.588 MHZ.

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For RTTY news, join us on 146.70, the national RTTY frequency. For more information or help, phone WØHFX, Paul at 635-3773; WØITU, Don at 598-8930; KØROL, Oak at 596-1395, or WØNDZ, Bob at 598-2502.

APRIL PROGRAM ENJOYED BY ALL

"Old Timers Night" was the theme of a most interesting program enjoyed by club members at the April meeting of PPRAA. In charge of the program was Gene Bacon, WØCNY who, with the able assistance of Jiggs Oxburn, WØARW, told about amateur radio like it was beginning in 1917 up to the "modern" days of the '40's. An interesting display was given of old time tubes and other radio parts, and slides were shown of an old instruction manual as well as equipment used back in the early days of radio communications.

One interesting fact noted by this reporter was how many of the club members present actively participated in the discussion of the "good old days", indicating that there are many more "old timers" in PPRAA than we have been led to believe there were.

Because of the high interest shown in the program with only part of the subject matter covered, it was agreed to have another "Old Timers Night" at a club meeting in the near future.

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Remember, no charge to any club member for classified ads on ham equipment or anything else for sale or trade.

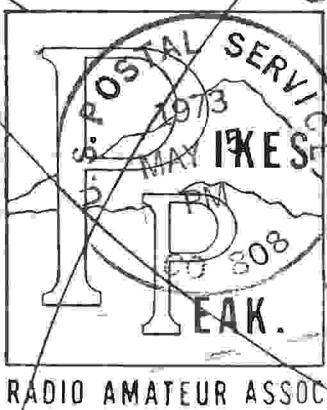


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RADIO AMATEUR ASSOC

MAY 1973

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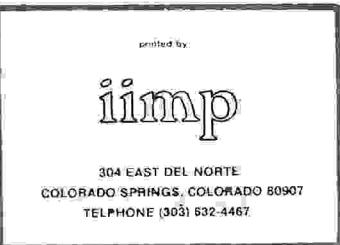
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